

# Work Order ID 57398



Page 1

April 6, 2010 11:32:30 AM

Item ID: D350-600-242

Accept



Setup Start



Revision ID:

Item Name: Spacepod, RH, AS350/355

Stop



Start Date: 06/04/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 16/04/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

*Handwritten signature*

Date: 10-4-06

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

IIN D350-600

Rev C

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and type labels as per PPP D350-600-242 CHG001

*Handwritten: S 10/04/20*

*Handwritten: 10/04/15*

110

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

1-Drill holes in D3188-2 using drill jig DT8971  
2-Open holes in D3188-2 body floor to Ø0.297" as per dwg D3188  
3-Deburr  
4-Install inserts in D3188-2 as per Dwg D3188.

*Handwritten: 10-04-07*

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

*Handwritten: S 10/04/14*

*Handwritten: 10*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 57398**

April 6, 2010 11:32:30 AM



Page 2

Item ID: D350-600-242

Accept



Setup Start



Revision ID:

Stop



Item Name: Spacepod, RH, AS350/355

Start Date: 06/04/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 16/04/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

1-Cut D2986 Neoprene Foam per template D2986T1  
2- Adhere D2986 foam to bottom side of D3187-2 spacepod floor using contact adhesive  
A/R Batch: 112983

25 10-04-14

140

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

\*\*\*\*This step separates hardware, previous steps is for body &amp; floor\*\*\*\*

S. D. 04/14

XC

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 57398

April 6, 2010 11:32:30 AM



Page 3

Item ID: D350-600-242

Accept



Setup Start



Revision ID:

Item Name: Spacepod, RH, AS350/355

Stop



Start Date: 06/04/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 16/04/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

150

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Assemble D3186-4 door with D3188-2 body as per Dwg ICA-D350-600  
\*\*\*Hardware on previous steps is for door ass'y\*\*\*\*

1-Drill and plug section I-I and J-J of dwg D3188 p.11 using Hysol 934NA with  
milled fibres 10% to weight. Install insert.

A/R Hysol batch: 113022 expire date: 10-09-18

A/R Milled fibres batch: 700859

2- Prime (grey) as necessary per QSI005

Primer batch: 113382

Hardner batch: 113382

3-Attach Neoprene Foam to floor using Contact Cement

A/R Contact Cement Batch: 112983 !!!

2 10-04-12

170

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

*Solobly*

40

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 57398

April 6, 2010 11:32:30 AM



Page 4

Item ID: D350-600-242

Accept



Setup Start



Revision ID:

Item Name: Spacepod, RH, AS350/355

Stop



Start Date: 06/04/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 16/04/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

180

Wing Walk as per dwg QSI005 4.4 Batch 113545 0.00



HandFinish

Memo

0.00

Hand Finishing

Wing Walk Spacepod top surface of Pod as per Dwg D3188

10-04-14

190

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

10-4-15

200

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

10-4-16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Work Order ID 57398

April 6, 2010 11:32:30 AM



Page 5

Item ID: D350-600-242

Accept



Setup Start



Revision ID:

Item Name: Spacepod, RH, AS350/355

Stop



Start Date: 06/04/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 16/04/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

210

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

220

Packaging

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-600-242

Location:

PPP Rev: B

230

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

8 10/6/20

(A)

10-4-20 SF

10/04/21 AJ

MF 10-4-21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 1

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

D3015-3 Manufactured No 130 Each 130.0000 1.0000



Locknut

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST033

130

43758

26

48238

4

56701

100

RT 10-04-07

AN526C832R24

Purchased No

140 Each

80.0000 4.0000



screw

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST327

80

110179

80

24

AN960JD516

Purchased No

140 Each

0.0000 1.0000



Washer

B113706

RT 10-04-07

AN960JD8 AN511490N8324

Purchased No

140 Each

0.0000 4.0000



Washer

B114 108

RT 10-04-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 2

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

D2179 Manufactured No 140 Each 61.0000 2.0000



Doubler



85 10-04-07

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST007

61

35432

61

x2

D2237 Manufactured No 140 Each 55.0000 2.0000



Striker Plate



85 10-04-07

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST010

55

55006

6

55312

49

x2

D2986 Manufactured No 140 sf 0.0000 5.9158



Black Neoprene Foam .125



057659

85 10-04-14

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April, 6, 2010 11:32:35 AM

Page 3

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

D3538-1 Manufactured No 140 Each 34.0000 2.0000



Hinge Bracket



ST 10 04 - 07

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST069

34

50336

2

55012

12

56092

8

56531

12

X2

D3554-7 Manufactured No 140 Each 45.0000 1.0000



Ball Stud



ST 10 04 - 07

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST070

45

37674

45

X1

D3567-2 Manufactured No 140 Each 28.0000 1.0000



Decal



ST 10 04 - 07

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST070

28

39678

9

50375

19

X1

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

April 6, 2010 11:32:35 AM

Page 4

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

MS20426AD4-5 Purchased No 140 Each 6,153.000 4.0000



Rivet



25 10-04-07

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST317 6153

6733 1171

6874 4982

x4

ALS4-1032-130 Purchased No 150 Each 40.0000 28.0000



Insert

ALS7-1032-130 B113238 x19



25 10-04-12

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST282 40

110511 40

x9

AN526C832R10 Purchased No 150 Each 183.0000 8.0000



Screw



25 10-04-07

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST327 183

104603 33

113154 100

113288 50

x8

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 5

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
IPP rev B 07.04.16 reformat, D3188 rev.E EC  
IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

AN526C832R14 Purchased No 150 Each 786.0000 2.0000



Screw

Warehouse  
Location  
Main Warehouse  
ST327

Loc Qty

Loc Code

104916

786

786

NAS1149003631

AN960JD10

Purchased No

150

Each

0.0000

2.0000



Washer

AN960JD8

NAS1149DN8324

Purchased No

150

Each

0.0000

16.0000



Washer

D2228

NAS1149DN8325

Manufactured No

150

Each

62.0000

4.0000



Bracket Plate

Warehouse  
Location  
Main Warehouse  
ST009

Loc Qty

Loc Code

30679  
48228

62

15

47

ST 10 04-07

x2

ST 10 04-07

ST 10 04-12

ST 10 04-07

x4

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 6

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

D2464 Manufactured No 150 f 407.0000 11.3684



3/4 Seal

\*



~~34077~~ ET 10-04-12

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST402

407

48173

407

x1

D2585

Manufactured No

150

Each

107.0000

2.0000



Mounting Channel



ET 10 04 -07

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST018

62

53798

2

55313

60

Main Warehouse

ST019

45

56524

45

x2

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 7

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

D2586 Manufactured No 150 Each 86.0000 2.0000



Door Latch



ET 10-04-07

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST204

86

55314

86

x 2

D2621 Manufactured No 150 Each 119.0000 2.0000



Latch Plate, 350 Spacepod



ET 10-04-07

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST021

119

46842

50

56526

69

x 2

D2857-1 Manufactured No 150 Each 38.0000 1.0000



Hinge Bracket



ET 10-04-07

Warehouse Loc Qty Loc Code  
Location

Main Warehouse

ST026

38

55019

19

56529

19

x 1

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

April 6, 2010 11:32:35 AM

Page 8

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

D2857-2 Manufactured No 150 Each 48.0000 1.0000



Hinge Bracket

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST027	48	
55020	28	
56530	20	

BT 10-04-07

D3557-1 Manufactured No 150 Each 19.0000 1.0000



Bracket

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST070	19	
46887	4	
50283	15	

BT 10-04-07

D3567-2 Manufactured No 150 Each 28.0000 1.0000



Decal

pan chg  
 E

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST070	28	
39678	9	
50375	19	

1A

N/A

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 9

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

MS21042L08 Purchased No 150 Each 374.0000 18.0000



Nut

8T 10-04-07

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST301	374	
114056	174	
114227	200	

x18

MS21042L3 Purchased No 150 Each 1,377.000 2.0000



Nut

8T 10-04-07

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST300	1377	
113537	393	
113644	984	

x2

MS27039-08-11 Purchased No 150 Each 71.0000 2.0000



Screw

8T 10-04-07

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST290	71	
111977	21	
113749	50	

x2

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 9

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 10

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-15 Purchased No 150 Each 137.0000 2.0000



Screw

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST292	137	
112794	37	
114056	100	

RT 10-04-07

NAS1515H3 Purchased No 150 Each 152.0000 2.0000



Washer

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST277	152	
111268	152	

x2

RT 10-04-07

AN526C832R10 Purchased No 200 Each 183.0000 2.0000



Screw

6c

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST327	183	
104603	33	
113154	100	
113288	50	

x2

RT 10-04-07

x2

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 11

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
IPP rev B 07.04.16 reformat, D3188 rev.E EC  
IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

AN960JD516	Washer	Purchased	No	200	Each	0.0000	2.0000
AN960JD8	Washer	Purchased	No	200	Each	0.0000	12.0000
D2985	Label	Manufactured	No	200	Each	15.0000	1.0000

M 113706 10-4-16  
M 114340 10-4-16  
10-4-16

Warehouse	Loc Qty	Loc Code
Main Warehouse		
ST032	15	
48236	5	
50232	10	

D350-600-449	Switch Relocation	Manufactured	No	200	Each	3.0000	1.0000
--------------	-------------------	--------------	----	-----	------	--------	--------

10-4-16

Warehouse	Loc Qty	Loc Code
Main Warehouse		
FG120	3	
50244	3	

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 11

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 13

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

D3554-7  
 Ball Stud  
 Manufactured No 200 Each 45.0000 1.0000  
 13

10-4-10sf

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST070

45

37674

45

K10021  
 Spacepod Hardware Kit (-241)  
 MS21042L08  
 Nut  
 Manufactured No 200 Each 0.0000 1.0000  
 6

1

B57814 10-4-16sf

Purchased No 200 Each 374.0000 14.0000  
 13

10-4-16sf (10)

Warehouse  
Location

Loc Qty

Loc Code

Main Warehouse

ST301

374

114056

174

114227

200

14

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 13

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

**Part No:** \_\_\_\_\_ **PAR #:** \_\_\_\_\_ **Fault Category:** \_\_\_\_\_ **NCR:** Yes No **DQA:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Resolution:** \_\_\_\_\_ **Disposition:** \_\_\_\_\_ **QA: N/C Closed:** \_\_\_\_\_ **Date:** \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 14

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355



Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010



Required Date: 16/04/2010

Start Qty: 1.00


Required Qty: 1.00

D3188-2M Manufactured No 110 Each 1.0000 1.0000  
  
 SPACEPOD BODY RH *B54945*  *10-04-06*

Warehouse  
Location  
 Main Warehouse  
 CA 1  
 46180A 1

D3186-4 Manufactured No 110 Each 1.0000 1.0000  
  
 Spacepod Door, RH *B57400*  *10-04-06*

Warehouse  
Location  
 Main Warehouse  
 CA 1  
 53085 1

D3187-2 Manufactured No 110 Each 3.0000 1.0000  
  
 Spacepod Floor *10-04-14*

Warehouse  
Location  
 Main Warehouse  
 ST241B 3  
 31836 3

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

April 6, 2010 11:32:35 AM

Page 15

Work Order ID: 57398

Parent Item: D350-600-242

Parent Item Name: Spacepod, RH, AS350/355

Comments: IPP Rev:A 07.03.07 new issue EC  
 IPP rev B 07.04.16 reformat, D3188 rev.E EC  
 IPP Rev:C 08-09-30 add primer in step 44 DD verified by:EC IPP Rev:D  
 add install insert seq150 DD 10.03.15 verified by:EC

Start Date: 06/04/2010

Required Date: 16/04/2010

Start Qty: 1.00

Required Qty: 1.00

A3235-020-935

Purchased

No

110

Each

596.0000

8.0000



Washer - Countersunk



85 10-04-07

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST281

596

106150

596

D3015-3

Manufactured

No

200

Each

130.0000

1.0000



Locknut



x 8

10-4-16

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST033

130

43758

26

48238

4

56701

100

3

1

April 6, 2010 11:32:35 AM

Shop Packet Print

Page 15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

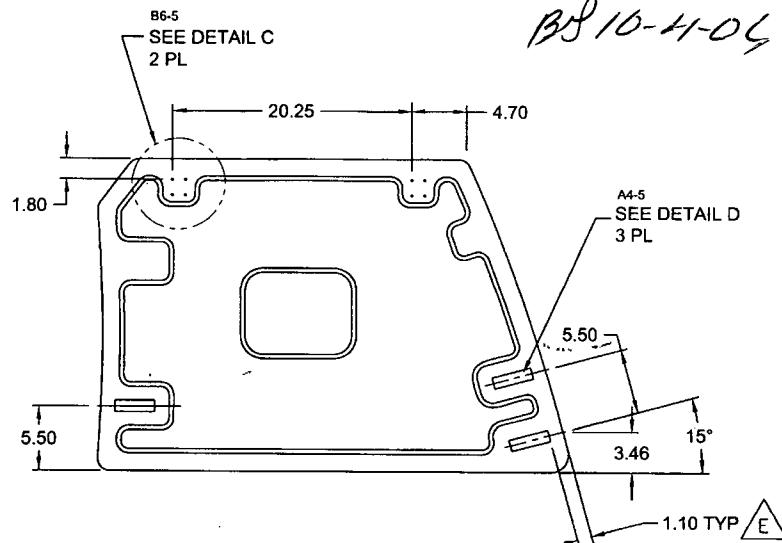
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



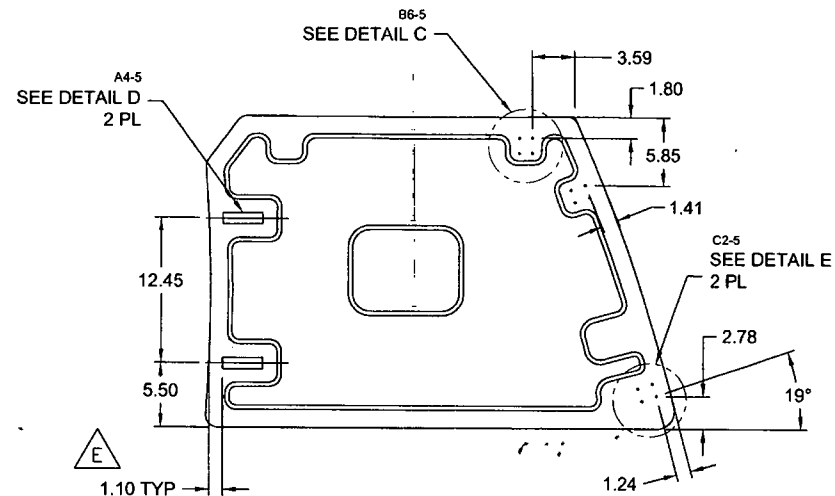
SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 57398  
BS 10-4-06



**D3186-1 SPACEPOD DOOR, LH**  
MAKE FROM D3186-1M

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A



**D3186-3 SPACEPOD DOOR, LH**  
MAKE FROM D3186-1M

**RELEASED**  
2009-09-09

E	DRAWING UPDATED TO CURRENT STANDARDS. 1.10 WAS 0.98 (ZN B5-1, B4-1, B7-2, B1-2); R0.12 WAS 0.125 (ZN B5-5); REF PAR 09-026	RF	09.07.08
D	UPDATE DIMENSIONS	LE	07.02.22
C	REMOVED D0600-XXX LABELS	LE	06.12.13
B	DIMS UPDATED TO MATCH PRODUCT FOAM PATTERN UPDATED D3186-1M/-2M/-3/-4 ADDED	LE	06.09.25
A	NEW ISSUE	CP	03.03.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. E
MFG. APPR.		D3186	SHEET 1 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SPACEPOD DOOR	NTS
DATE	09.07.08	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

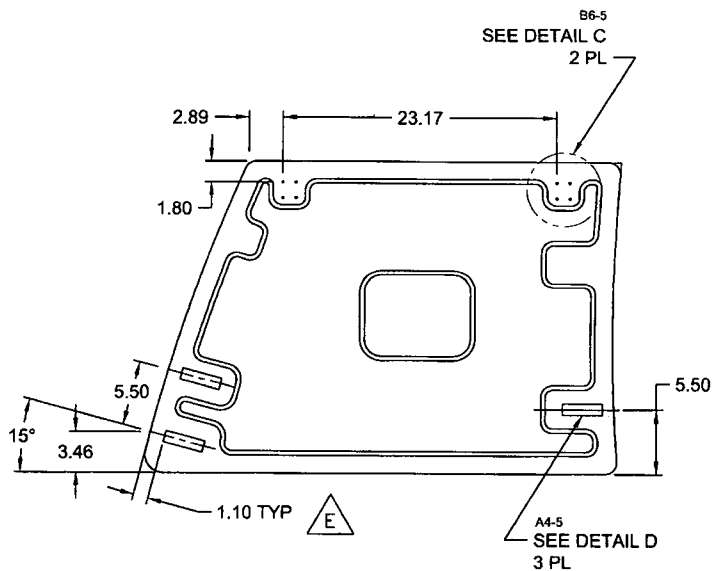
**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

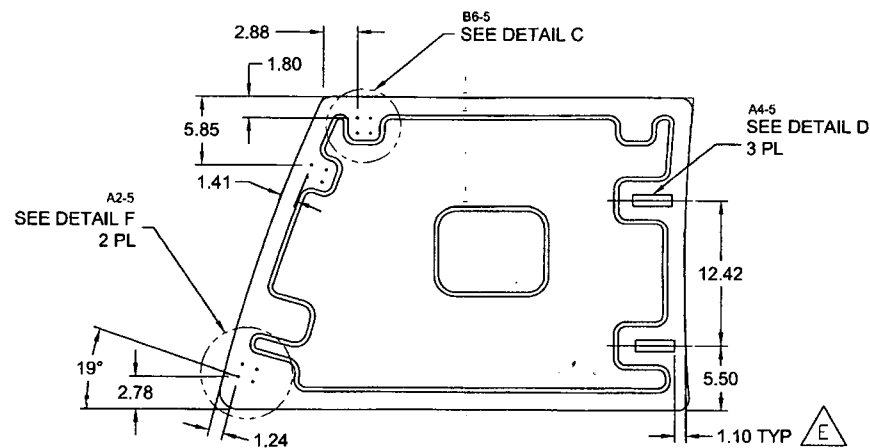
**Part No:** \_\_\_\_\_ **PAR #:** \_\_\_\_\_ **Fault Category:** \_\_\_\_\_ **NCR:** Yes No **DQA:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Resolution:** \_\_\_\_\_ **Disposition:** \_\_\_\_\_ **QA: N/C Closed:** \_\_\_\_\_ **Date:** \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3186-2 SPACEPOD DOOR, RH**  
MAKE FROM D3186-2M



**D3186-4 SPACEPOD DOOR, RH**  
MAKE FROM D3186-2M

W/O 57398

**RELEASED**  
2008-09-09

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

DESIGN	DS	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>RF</i>	DRAWING NO.	REV. E
MFG. APPR.	<i>[Signature]</i>	D3186	SHEET 2 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD DOOR	NTS
DATE	09.07.08	COPYRIGHT © 2003 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

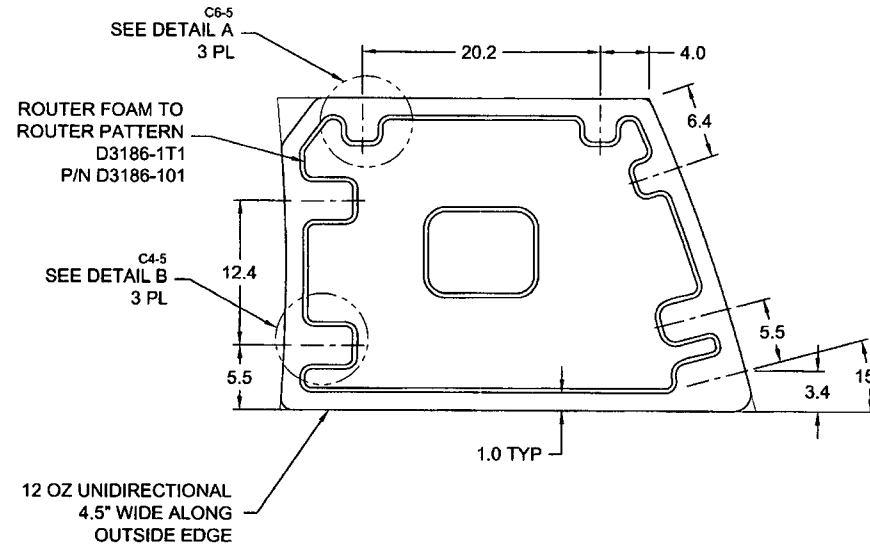
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# MAIN LAYUP

9 OZ SATIN (9 SQ FEET)  
9 OZ SATIN (9 SQ FEET)  
FOAM  
9 OZ SATIN (9 SQ FEET)  
12 OZ UNIDIRECTIONAL  
9 OZ SATIN (9 SQ FEET)  
RESIN (35-45% BY WEIGHT)  
PEEL PLY



## D3186-1M SPACEPOD DOOR AS MOLDED

*w/o 57398*

**RELEASED**  
2009-08-08

### NOTES:

#### 1) MATERIAL:

RESIN = EPOCAST 50-A/9816 OR DERAKANE 470-36/411/510A40  
FOAM = 3/8", A500 CORE-CELL OR DIVINYLCELL OR AIREX OR KLEGECELL  
FIBRE = 9.7 OZ 7781 WEAVE "S" GLASS ("9 OZ SATIN")  
12 OZ UNIDIRECTIONAL FIBERGLASS ("12 OZ UNIDIRECTIONAL")  
LAMINATE PER DART QSI 006 4.0  
LAMINATION SCHEDULE PER THIS DRAWING

2) FINISH: FINISH INSIDE/OUTSIDE WITH DUPONT HIGHBUILD GREY PRIMER 1144-S

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: NONE

7) WEIGHT: 7.0 lbs

8) USE MOLD DT8005 FOR DOOR LAYUP

DESIGN	DS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. E
MFG. APPR.	<i>[Signature]</i>	D3186	SHEET 3 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD DOOR	NTS
DATE	09.07.08	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

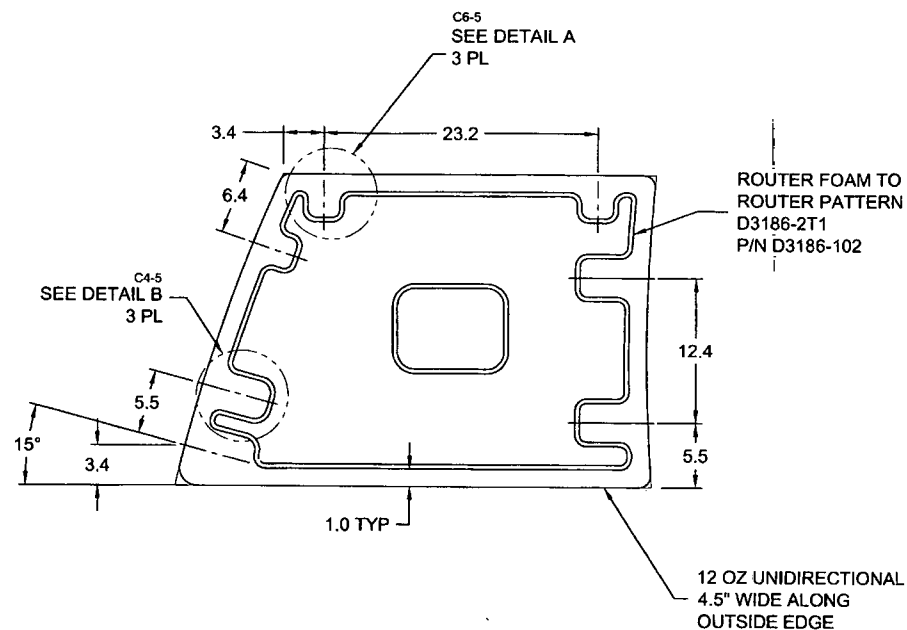
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

9 OZ SATIN (9 SQ FEET)  
9 OZ SATIN (9 SQ FEET)  
FOAM  
9 OZ SATIN (9 SQ FEET)  
12 OZ UNIDIRECTIONAL  
9 OZ SATIN (9 SQ FEET)  
RESIN (35-45% BY WEIGHT)  
PEEL PLY



NOTES:  
1) MATERIAL:

RESIN = EPOCAST 50-A/9816 OR DERAKANE 470-36/411/510A40  
FOAM = 3/8", A500 CORE-CELL OR DIVINYCELL OR AIREX OR KLEGECELL  
FIBRE = 9.7 OZ 7781 WEAVE "S" GLASS ("9 OZ SATIN")  
12 OZ UNIDIRECTIONAL FIBERGLASS ("12 OZ UNIDIRECTIONAL")  
LAMINATE PER DART QSI 006 4.0  
LAMINATION SCHEDULE PER THIS DRAWING

- 2) FINISH: FINISH INSIDE/OUTSIDE WITH DUPONT HIGHBUILD GREY PRIMER 1144-S
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 7.0 lbs
- 8) USE MOLD DT8006 FOR DOOR LAYOUT

**D3186-2M SPACEPOD DOOR AS MOLDED**

RELEASED  
2009-09-09

W/O 57398

DESIGN	DS	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	<b>HAWKESBURY, ONTARIO, CANADA</b>	
CHECKED	RP	DRAWING NO.	REV. 1
MFG. APPR.	<i>[Signature]</i>	D3186	SHEET 4 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCAL
DE APPR.	<i>[Signature]</i>	SPACEPOD DOOR	NT
DATE	09.07.08	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRINTED UNDER LICENSE BY DART AEROSPACE LTD. IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

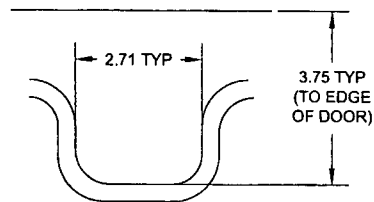
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

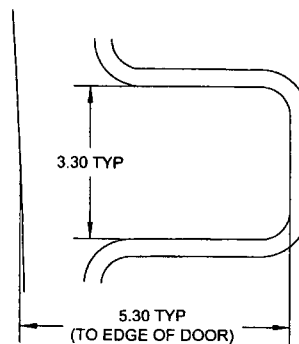
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

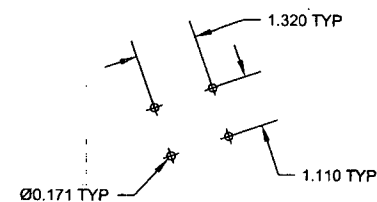




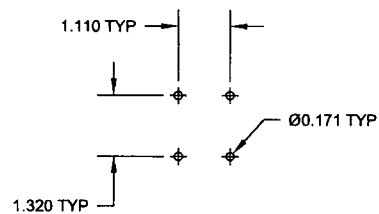
**DETAIL A** D6-3  
SCALE 4X D4-4



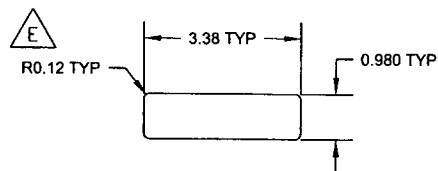
**DETAIL B** C6-3  
SCALE 4X C6-4



**DETAIL E** C1-1  
SCALE 4X

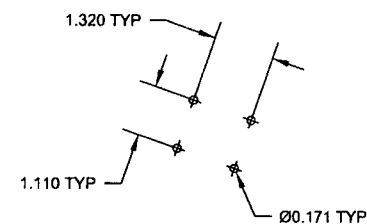


**DETAIL C** D7-1  
SCALE 4X D3-1  
D6-2  
D3-2



NOTE: ENSURE THAT CUTOUT IS  
PERPENDICULAR TO EDGE OF DOOR

**DETAIL D** C5-1  
SCALE 4X D4-1  
B6-2  
C2-2



**DETAIL F** C4-2  
SCALE 4X

**RELEASED**  
2009-08-09

w/o 57398

DESIGN	DS	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. E
MFG. APPR.		D3186	SHEET 5 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SPACEPOD DOOR	NTS
DATE	09.07.08	COPYRIGHT © 2003 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**GENERAL NOTES:**

1) MATERIALS:

RESIN: EPOCAST 50-A/9816 OR DERAKANE 470-36/411/510A40

FIBER: 9.7 oz 7781 WEAVE "S" GLASS (9 oz SATIN)  
12 oz UNIDIRECTIONAL FIBERGLASS ("12 oz UNIDIRECTIONAL")  
18 oz ROVING "E" GLASS (18 oz CLOTH)  
OWENS CORNING MILLED FIBERS, "E" GLASS  
3M K20 GLASS BUBBLES

FOAM: A500 CORE CELL  
OR DIVINYCELL  
OR AIREX  
OR KLEGECELL  
FILL VOIDS IN FOAM WITH PASTE MADE FROM MILLED FIBERS & RESIN

1. MOLD SCHEDULE:

PART	LAYUP	TRIM AND DRILL
D3188-1M/-1/-5	DT8003	DT8501
D3188-2M/-2/-6	DT8004	DT8502
D3188-3M/-3/-7	DT8500	DT8501

2) FINISH: INSIDE/OUTSIDE WITH GREY DUPONT HIGHBUILD PRIMER 1144-S.  
APPLY ANTI-SKID PAINT TO TOP SURFACE OF PODS PER QSI 005 4.4

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: NONE

7) WEIGHT: D3188-1 = N/A  
D3188-2 = N/A  
D3188-3 = N/A  
D3188-5 = N/A  
D3188-6 = N/A  
D3188-7 = N/A

8) REFERENCE DIMENSIONS MATCH AIRCRAFT CONTOUR AND DOOR OPENING

9) LAMINATE PER DART QSI 006. LAMINATION SCHEDULE PER THIS DRAWING

u/o 57395

**RELEASED**  
2009-10-20

F	REORGANIZED VIEWS AND REFORMATTED DRAWING TO CURRENTS STANDARDS; ADD CHAMFER IN SECTIONS A-A (ZN C7-10) & H-H (ZN B7-11)	RF	09.07.13
E	ADD HYSOL FIBER OPTION ON SHEET 11	CB	07.04.02
D	UPDATE DIMENSIONS	LE	07.02.22
C	REMOVED D0600-XXX LABELS	LE	06.12.13
B	UPDATED DWG TO MATCH PRODUCT ADDED D3188-1M/-2M/-3M/-5/-6/-7	CB	06.10.06
A	NEW ISSUE	CP	03.04.03
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	#	DRAWING NO.	REV. F
MFG. APPR.	#	D3188	SHEET 1 OF 11
APPROVED	#	TITLE	SCALE
DE APPR.	#	SPACEPOD BODY	NTS
DATE	09.07.13	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

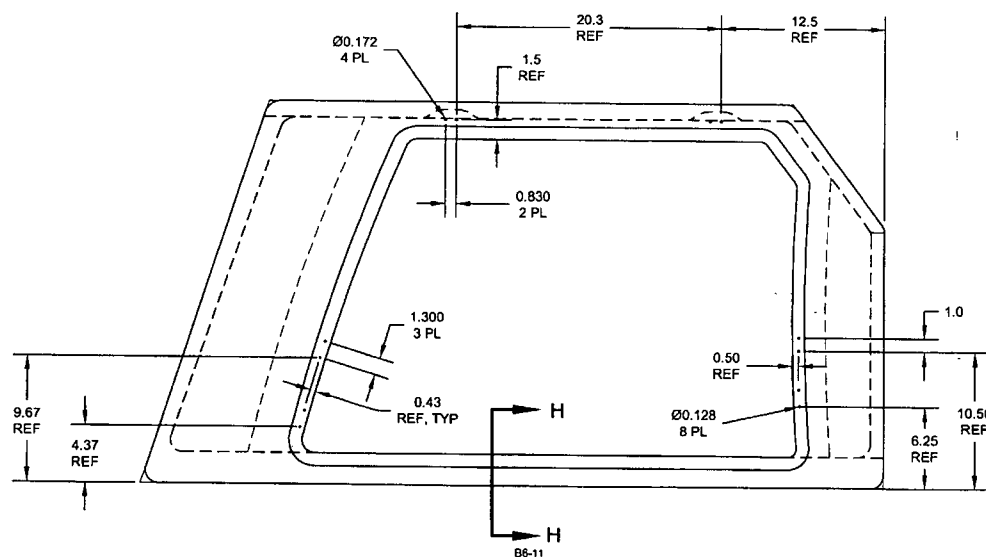
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3188-1 SPACEPOD BODY**  
MAKE FROM D3188-1M

**NOTES:**

- 1) REFERENCE DIMENSIONS REPRESENT HOLES WHICH ARE TRANSFER DRILLED FROM D3186-1 DOOR DURING ASSEMBLY
- 2) SEE SHEET #11 FOR SECTION VIEW

**RELEASED**  
2009-10-20  
NAD

DESIGN	JB	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. F
MFG. APPR.	<i>[Signature]</i>	D3188	SHEET 2 OF 11
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD BODY	NTS
DATE	09.07.13	<small>COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

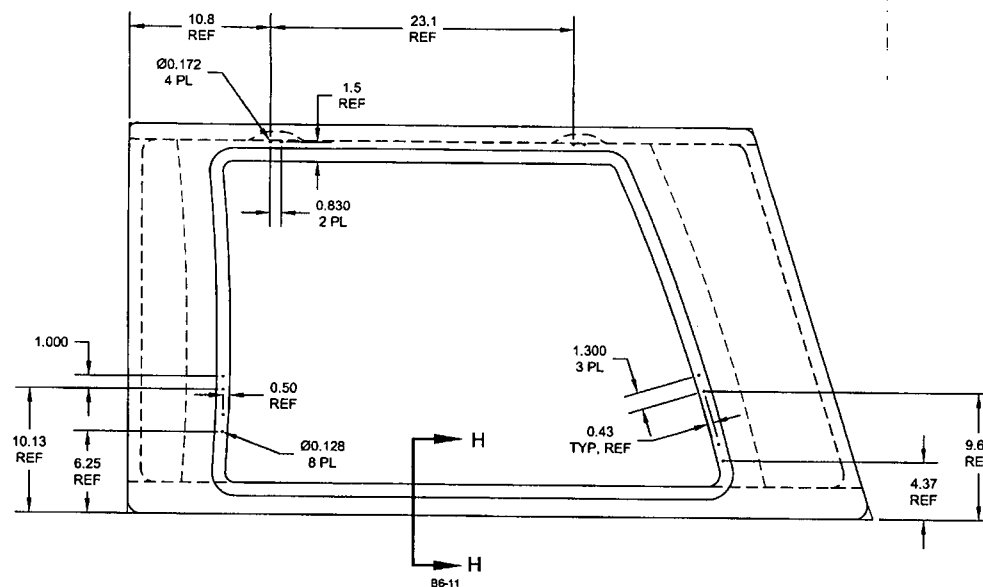
**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

**Part No:** \_\_\_\_\_ **PAR #:** \_\_\_\_\_ **Fault Category:** \_\_\_\_\_ **NCR:** Yes No **DQA:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Resolution:** \_\_\_\_\_ **Disposition:** \_\_\_\_\_ **QA: N/C Closed:** \_\_\_\_\_ **Date:** \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			





**NOTE:** Date & initial all entries



**D3188-2 SPACEPOD BODY**  
MAKE FROM D3188-2M

**NOTES:**

- 1) REFERENCE DIMENSIONS REPRESENT HOLES WHICH ARE TRANSFER DRILLED FROM D3186-2 DOOR DURING ASSEMBLY
- 2) SEE SHEET #11 FOR SECTION VIEW

DESIGN	JB	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.		D3188	SHEET 3 OF 11
APPROVED		TITLE	SCALE
DE APPR.		SPACEPOD BODY	NTS
DATE	09.07.13	COPYRIGHT © 2003 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

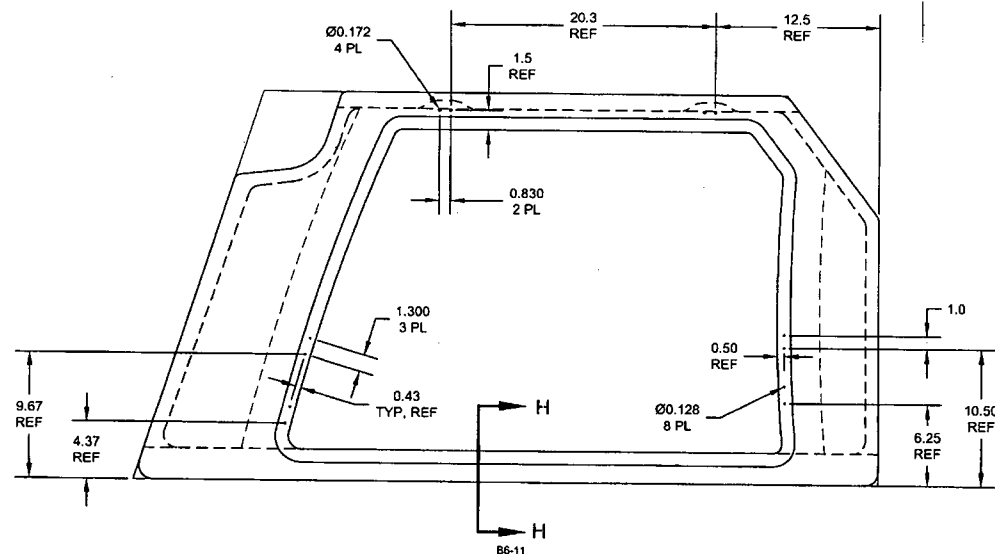
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





**D3188-3 SPACEPOD BODY**  
MAKE FROM D3188-3M

**NOTES:**

- 1) REFERENCE DIMENSIONS REPRESENT HOLES WHICH ARE TRANSFER DRILLED FROM D3186-1 DOOR DURING ASSEMBLY
- 2) SEE SHEET #11 FOR SECTION VIEW

**RELEASED**  
2009-10-20

DESIGN	JB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. F
MFG. APPR.	<i>[Signature]</i>	D3188	SHEET 4 OF 11
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD BODY	NTS
DATE	09.07.13	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

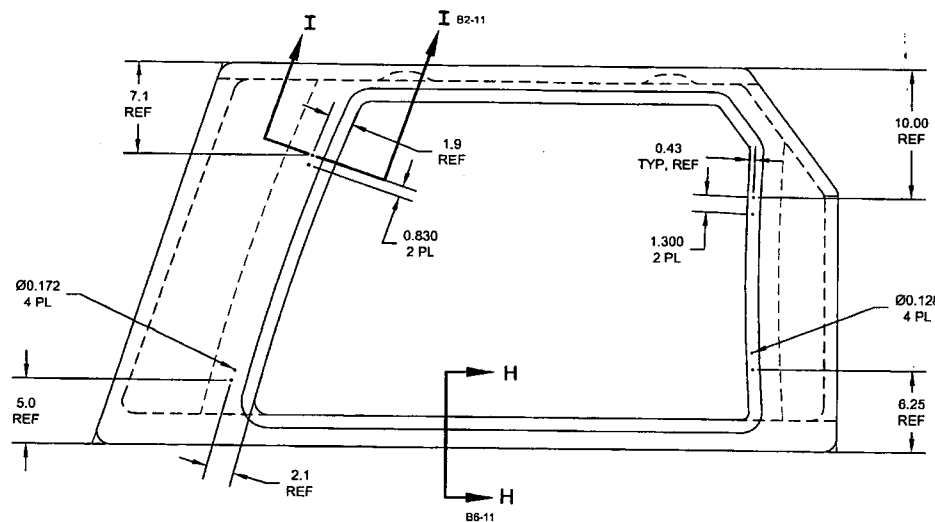
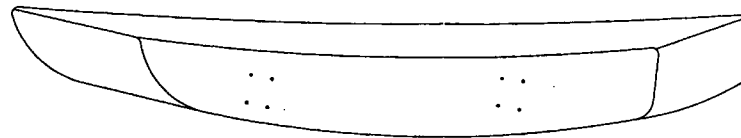
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3188-5 SPACEPOD BODY**  
MAKE FROM D3188-1M

**NOTES:**

- 1) REFERENCE DIMENSIONS REPRESENT HOLES WHICH ARE TRANSFER DRILLED FROM D3186-3 DOOR DURING ASSEMBLY
- 2) SEE SHEET #11 FOR SECTION VIEWS

**RELEASED**  
2009-10-20

DESIGN	JB	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. F
MFG. APPR.	<i>[Signature]</i>	D3188	SHEET 5 OF 11
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD BODY	NTS
DATE	09.07.13	<small>COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

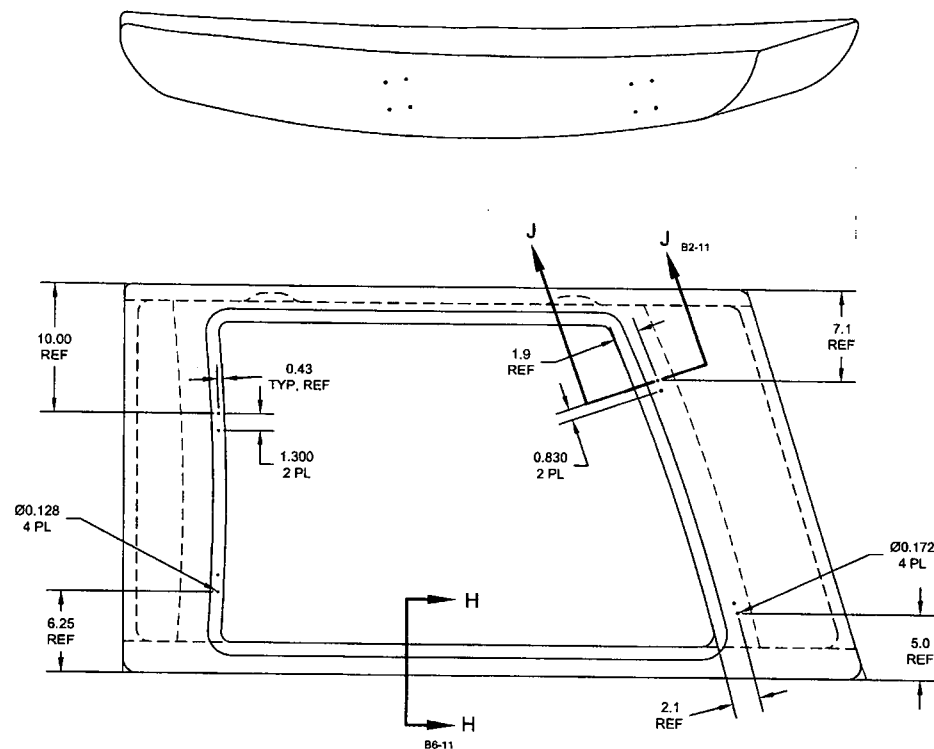
8 7 6 5 4 3 2 1

D

C

B

A



**D3188-6 SPACEPOD BODY**  
MAKE FROM D3188-2M

**NOTES:**

- 1) REFERENCE DIMENSIONS REPRESENT HOLES WHICH ARE TRANSFER DRILLED FROM D3186-4 DOOR DURING ASSEMBLY
- 2) SEE SHEET #11 FOR SECTION VIEWS

**RELEASED**  
2009-10-20

DESIGN	JB	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. F
MFG. APPR.	<i>[Signature]</i>	D3188	SHEET 6 OF 11
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD BODY	NTS
DATE	09.07.13	COPYRIGHT © 2003 BY DART AEROSPACE LTD	
		THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

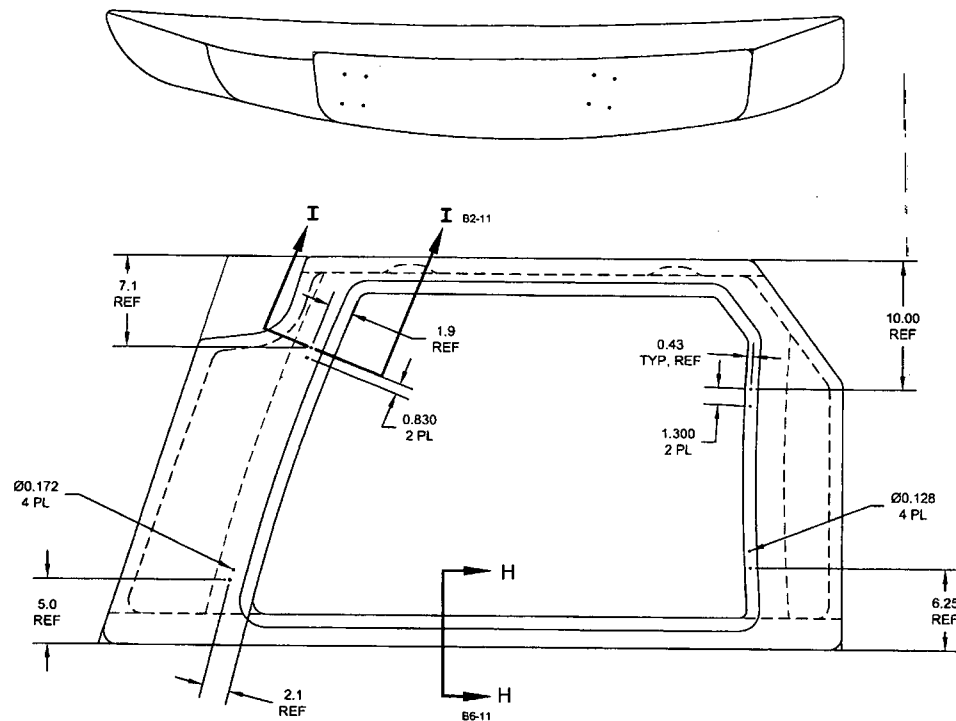
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3188-7 SPACEPOD BODY**  
MAKE FROM D3188-3M

**NOTE:**

- 1) REFERENCE DIMENSIONS REPRESENT HOLES WHICH ARE TRANSFER DRILLED FROM D3186-3 DOOR DURING ASSEMBLY
- 2) SEE SHEET #11 FOR SECTION VIEWS

**RELEASED**  
2009-10-20  
AM

DESIGN	JB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. F
MFG. APPR.	<i>[Signature]</i>	D3188	SHEET 7 OF 11
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD BODY	NTS
DATE	09.07.13	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

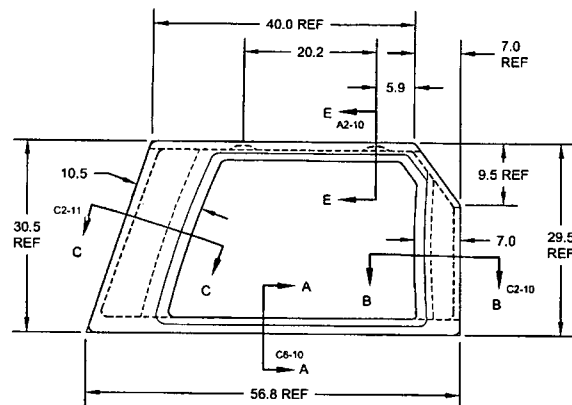
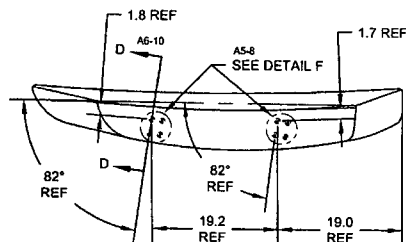
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

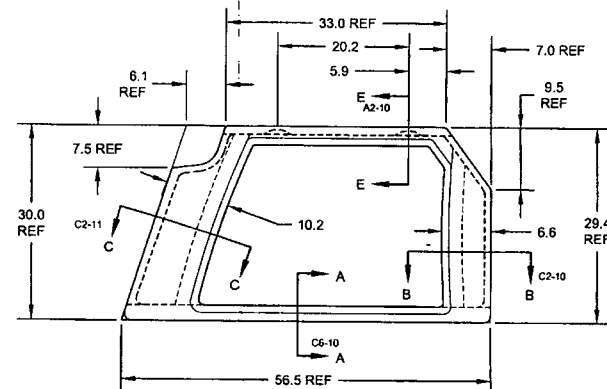
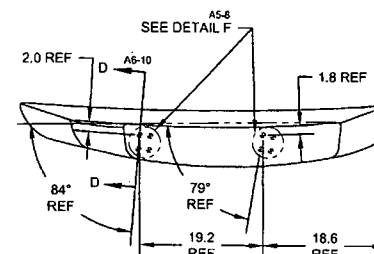
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

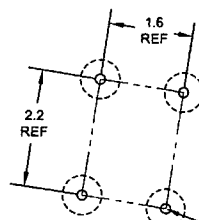




**D3188-1M SPACEPOD BODY**



**D3188-3M SPACEPOD BODY**



**DETAIL F**

INSTALL  
D2213 SPACER  
8 PL  
SEE SECTION D-D  
A5-10

**D3186-1M/-3M NOTES:**

- 1) REFERENCE DIMENSIONS ARE FROM DT8003/DT8500 AND DT8501.
- 2) SEE SHEET #10 FOR SECTION VIEWS.

**RELEASED**  
2009-10-23

DESIGN	JB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO. D3188	REV. F
MFG. APPR.			SHEET 8 OF 11
APPROVED		TITLE SPACEPOD BODY	SCALE
DE APPR.			NTS
DATE	09.07.13	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE, REPRODUCED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

**Dart Aerospace Ltd**

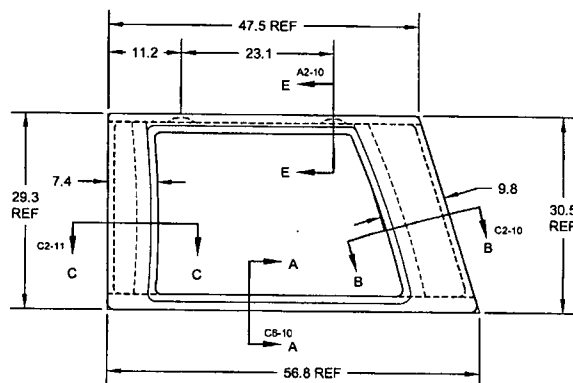
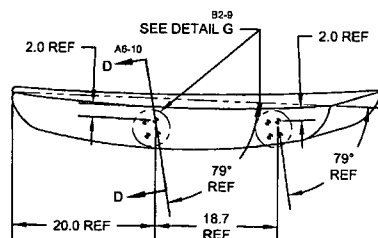
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

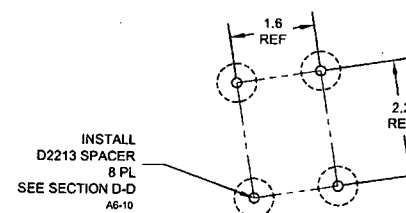
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**D3186-2M SPACEPOD BODY**



**DETAIL G** D6-9

W/0 57398

**RELEASED**  
2009-10-20

**D3186-2M NOTES:**

- 1) REFERENCE DIMENSIONS ARE FROM DT8004 AND DT8502.
- 2) SEE SHEET #10 FOR SECTION VIEWS.

DESIGN	JB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<del>JB</del>	DRAWING NO.	REV. F
MFG. APPR.	<del>JB</del>	D3188	SHEET 9 OF 11
APPROVED	<del>JB</del>	TITLE	SCALE
DE APPR.	<del>JB</del>	SPACEPOD BODY	NTS
DATE	09.07.13	<small>COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

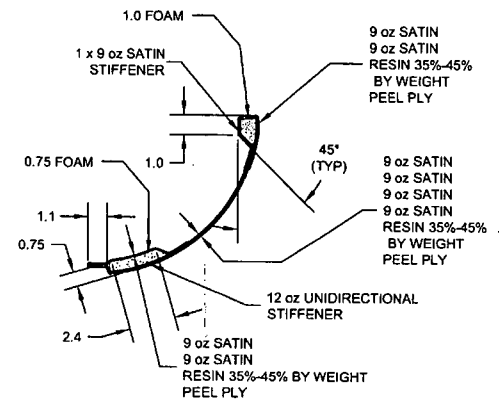
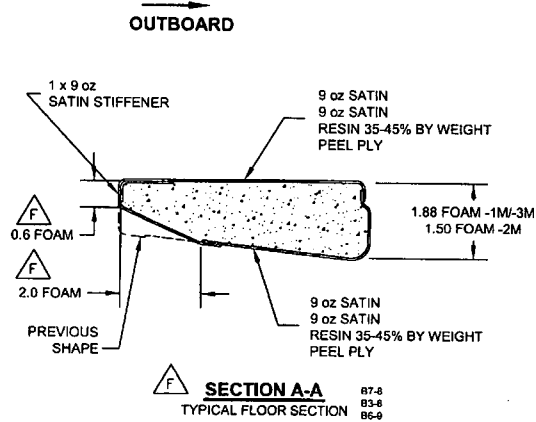
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

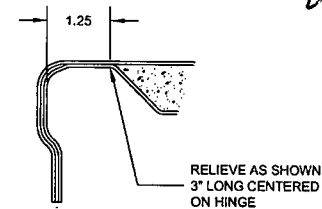
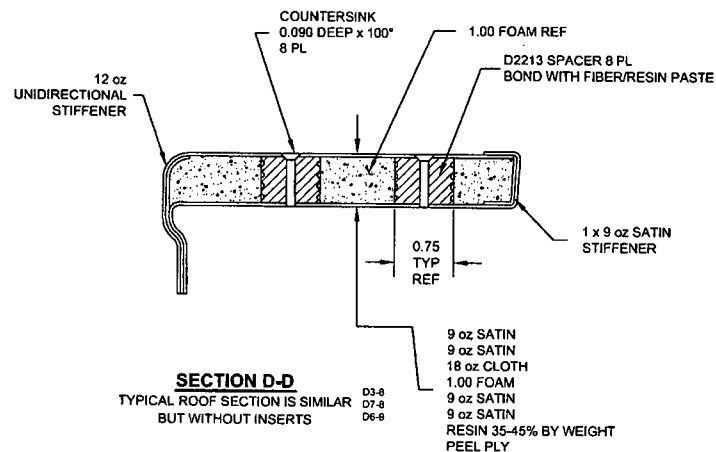
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**SECTION B-B**  
SECTION C-C OPPOSITE

86-8  
86-8  
84-8  
82-8  
87-9  
85-9



**SECTION E-E** C2-8  
2 PLACES PER POD C7-8  
86-9

**RELEASED**  
2009-10-20

DESIGN	JB	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<del>RF</del>	DRAWING NO.	REV. F
MFG. APPR.	<del>RF</del>	D3188	SHEET 10 OF 11
APPROVED	<del>RF</del>	TITLE	SCALE
DE APPR.	<del>RF</del>	SPACEPOD BODY	NTS
DATE	09.07.13	COPYRIGHT © 2003 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

OUTBOARD

INSTALL AKS7-1032-130  
INSERTS 29 PL  
PER D3188-1T1 (D3188-1/-3/-5/-7)  
OR D3188-2T1 (D3188-2/-6)

FOAM  
REF

PREVIOUS  
SHAPE



**SECTION H-H**  
TYPICAL FLOOR SECTION

A5-2  
A5-3  
A5-4  
A5-5  
B5-6  
B5-7

SPACEPOD INNER SKIN

Ø0.172

Ø0.37

HYSOL 934NA W/  
MILLED GLASS FIBRES  
OR METALSET A4

SPACEPOD OUTER SKIN

FOAM  
REF

0.25

**SECTION I-I**  
**SECTION J-J OPPOSITE**  
4 PLACES PER POD

C5-5  
C4-6  
C5-7

W/O 57398

**RELEASED**  
2009-10-20

DESIGN	JB	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. F
MFG. APPR.	<i>[Signature]</i>	D3188	SHEET 11 OF 11
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SPACEPOD BODY	NTS
DATE	09.07.13	<small>COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries